Name: _____

Geometry Photography Project

Go on a geometry photography expedition with your family! Take pictures of geometric shapes and concepts around you. Print your pictures and use them to make your own geometry picture book.

Take a photograph of as many of the following geometrical shapes and concepts as possible.

angles
- right angle
- obtuse angle
- acute angle

lines
- parallel lines
- intersecting lines
- perpendicular lines

flat shapes
- triangle
- quadrilateral
- rhombus
- trapezoid
- pentagon
- hexagon
- octagon

solid shapes
- sphere
- cube
- rectangular prism
- cone
- pyramid

Step 1: Choose a location to visit with your family. It could be the park, the zoo, the shopping mall, or any place where you'd like to take some photographs. When you go on your trip, look for geometric angles, familiar flat shapes, solid shapes, and lines.

Examples:
- You might see a trash can and photograph it because it is shaped like a cylinder.
- You might see railroad tracks and photograph them because they are parallel lines.

Take pictures of 8 or more <u>different</u> geometric concepts from the list above.

Step 2: Print your pictures and use them to make a picture book. Each page should have one photograph, followed by a description of the geometric concept in the picture.

Example:

Octagon

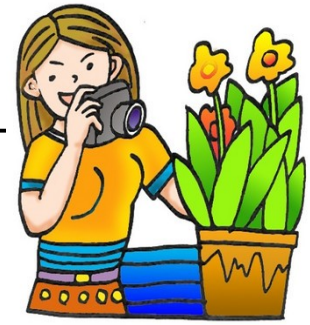
I took a picture of this stop sign because it is shaped like an octagon. An octagon is a polygon with 8 sides and 8 angles.

Step 3: Assemble your pages together into a book. Be sure your book has a cover page with a title and your name written on it.

Your geometry photography project is due on May 4, 2018.

Your project may be on display at school, so do your very best work!

Name: _____



Geometry Photography Project Grading Sheet

_____ (25 points) Cover page includes title and student's name. Project is presented in the form of a book with 8 or more pages.

_____ (25 points) Photographs of 8 or more geometric concepts are included in the book.

_____ (25 points) Descriptions of each geometric concept are clear and accurate.

_____ (25 points) Project is neat and presentable. Handwriting is clear and error-free. Gluing, cutting, coloring, and stapling are neat.

Total - _____ (out of 100 points)